IN THE CLAIMS

Please amend the Claims as follows:

1. (Twice Amended) A bullet guidance system for guiding an in-flight bullet along an optimum trajectory along which said bullet would impact a laser-identified target, said system comprising:

laser beam detecting means contained within said bullet and being capable of receiving laser beam energy reflected from said target and converting said energy to electrical impulses;

logic circuit means contained within said bullet having means therein responsive to receipt of said impulses for determining the deviation of said bullet from said optimum trajectory and for generating corrective signals in response to said impulses;

steering control means having means therein responsive to said corrective signals in [the] a manner to actuate said steering control means so as to deflect air flow about said bullet, said control means including at least deployable flap means being outwardly extensible from said bullet to deflect air flow about said bullet to impart a correctional momentum to translate said bullet to said optimum trajectory , said bullet being fired from a precision, smooth-bored weapon thereby not imparting axial spin to said bullet in the manner of a rifle; and

power supply means contained within said bullet being interconnectable to said logic circuit and said steering control means to provide sufficient electrical power to produce the functions required by said system.

Cancel Claim 10.

In Claim 11, line 1, change "10" to --1--.

13. (Amended) A method of guiding an in-flight bullet along an optimum trajectory to a laser-identified target, said bullet including a self-contained guidance system including laser detection means capable of receiving laser beam energy and converting said energy to electrical impulses, logic circuit means responsive to receipt of said impulses for determining the deviation of said bullet from said optimum trajectory and for generating corrective signals in response to said electrical impulses for actuating steering control means in a manner to deflect air flow about said bullet thereby effecting a corrective momentum to translate said bullet to said optimum trajectory, said method comprising the steps of:

firing said bullet from a [weapon] precision sniper rifle having a smooth internal bore at said target;

detecting laser beam energy reflected from said target using laser sensors;

converting said energy to electrical impulses;

determining the deviation of said bullet from said trajectory by analysis of said electrical impulses ;

generating corrective signals in response to said electrical impulses; and

actuating said steering control means in response to said corrective signals in a manner to deflect air flow about said bullet to impart a correctional momentum to said bullet whereby said bullet is translated toward said optimum trajectory to impact said target.

Cancel Claim 18.

REMARKS

This Application has been reconsidered in light of the Office Action dated September 24, 1997 and the references cited therein.